

COLOR REWRITABLE RECORDING MEDIUM AND RECORDING METHOD USING THE SAME

Publication number: JP8080682

Publication date: 1996-03-26

Inventor: NAGATO KAZUSHI

Applicant: TOKYO SHIBAURA ELECTRIC CO

Classification:

- International: **B41J2/32; B41M5/26; B41M5/36; B41J2/32; B41M5/26; B41M5/36;** (IPC1-7): B41M5/36; B41J2/32; B41M5/26

- european:

Application number: JP19940220273 19940914

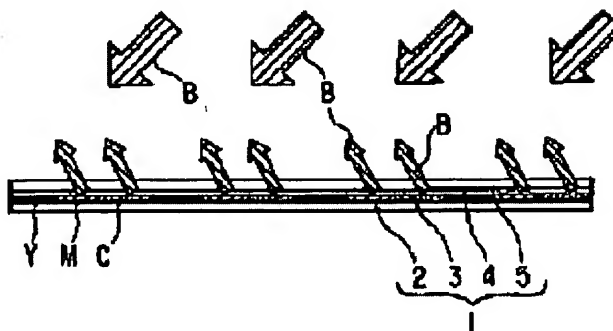
Priority number(s): JP19940220273 19940914

Report a data error here

Abstract of JP8080682

PURPOSE: To stably preserve a recording image for a long time by providing a coloring layer having a plurality of colors on a base material and providing a rewritable layer reversibly changed to transparent and opaque states at a specific temp. on the coloring layer.

CONSTITUTION: For example, when a recording medium is irradiated with light of blue B, the B-light transmits through the transparent rewritable layer 2 to reach a color mosaic layer 3. Colorants Y, M, C are applied to the mosaic layer 3 and the lights applied to the parts of M and C in the B-light transmit through the mosaic layer to be reflected by a base material 2 to be emitted to the outside but the B-light applied to the Y-part is absorbed by the colorant Y to be converted to heat and only the rewritable layer 4 on the Y-colorant becomes a turbid state. The Y-ink colorant under the rewritable layer 4 made turbid is not looked and, in the parts of M and C, the B-light being a synthetic color of M and C is looked. In the same way, by irradiating a part with light desired to develop a color, a desired color can be developed on the irradiated part.



Data supplied from the esp@cenet database - Worldwide